



PATENT

Attorney Docket No. P05844US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: ABDEL-MONEM, Mahmoud M., et al. Group Art Unit:  
SERIAL NO: 10/712,422 Examiner:  
FILED: November 13, 2003 Confirmation No:  
TITLE: METAL COMPLEXES OF ALPHA AMINO DIEDARBOXYLIC ACIDS

**INFORMATION DISCLOSURE STATEMENT  
FILED WITHIN THREE MONTHS OF FILING OR  
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. § 1.97(b))**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This information disclosure statement is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office Action on the merits, or before the mailing of a first office action after the filing of a request for continued examination, whichever event occurs last.

Attached are Forms PTO/SB/08A and 08B (formerly Form PTO-1449) listing the relevant art known to the applicant herein. Copies of non-U.S. patents are enclosed. References that are U.S. patents are not required to be submitted. The Examiner is requested to consider the references and make them of record.

Applicants disclose herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of

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**CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))**

I hereby certify that this correspondence is, on the date shown below, being:

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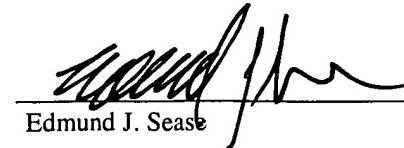
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Edmund J. Sease



which, there may be a duty to disclose. Legible copies of all items listed in Forms PTO/SB/08A and 08B (formerly Form PTO-1449) accompany this information statement, except those identified above.

Some items of information contained in this information disclosure statement were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement. A copy of the International Search Report is also enclosed.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner.

Respectfully submitted,



EDMUND J. SEASE , Reg. No. 24,741  
McKEE, VOORHEES & SEASE, P.L.C.  
801 Grand Avenue, Suite 3200  
Des Moines, Iowa 50309-2721  
Phone No. (515) 288-3667  
Fax No. (515) 288-1338  
**CUSTOMER NO: 22885**

- bja -

Attorneys of Record



Form PTO/SOA0B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
				Application Number	10/712,422
				Filing Date	November 13, 2003
				First Named Inventor	Mahmoud M. Abdel-Monem
				Art Unit	
				Examiner Name	
Sheet	1	of	3	Attorney Docket Number	P05844US01

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
1	US- 2,810,754	10/22/1957	Chang		
2	US- 2,849,468	08/26/1958	Cardinal		
3	US- 2,915,540	12/01/1959	Chang		
4	US- 3,084,189	04/02/1963	Chang		
5	US- 3,168,541	02/02/1965	Hobbs		
6	US- 3,174,986	03/23/1965	Shin-Ichi Motozaki		
7	US- 3,463,858	08/26/1969	Dean R. Anderson		
8	US- 3,911,117	10/07/1975	Ender		
9	US- 3,925,433	12/09/1975	Abdel-Monem		
10	US- 3,941,818	03/02/1976	Abdel-Monem		
11	US- 3,950,372	04/13/1976	Abdel-Monem		
12	US- 4,021,569	05/03/1977	Abdel-Monem		
13	US- 4,039,681	08/02/1977	Abdel-Monem		
14	US- 4,067,994	01/10/1978	Anderson		
15	US- 4,145,465	03/20/1979	Sanderson et al.		
16	US- 4,167,564	09/11/1979	Jensen		
17	US- 4,216,143	08/05/1980	Ashmead		
18	US- 4,216,144	08/05/1980	Ashmead		
19	US- 4,228,090	10/14/1980	Hydes		
20	US- 4,425,280	01/10/1984	Ho		
21	US- 4,460,734	07/17/1984	Owens et al.		

FOREIGN PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> . Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
1		PCT/US03/26672 Search Report	01/30/2004	Zinpro Corporation	T <sup>6</sup>
2		European 0 514 553 A1	11/25/1992	Shiseido Company Limited	

Examiner Signature	Date Considered
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<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(Use as many sheets as necessary)</p>				<b>Complete if Known</b>	
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				Filing Date	November 13, 2003
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				Attorney Docket Number	P05844US01

<b>U.S. PATENT DOCUMENTS</b>				
22	US- 4,517,330	05/14/1985	Zdanowski et al.	
23	US- 4,599,152	07/08/1986	Ashmead	
24	US- 4,670,269	07/02/1987	Abdel-Monem	
25	US- 4,678,854	11/25/1986	Abdel-Monem	
26	US- 4,764,633	08/16/1988	Anderson	
27	US- 4,824,661	04-1989	Wagner, Helmar R.	
28	US- 4,830,716	05/16/1989	Ashmead	
29	US- 4,900,561	01/03/1989	Abdel-Monem	
30	US- 4,948,594	08/14/1990	Abdel-Monem	
31	US- 4,956,188	09/11/1990	Anderson	
32	US- 5,061,815	10/29/1991	Leu	
33	US- 5,200,198	04/06/1993	Geisslinger et al.	
34	US- 5,278,329	01/11/1994	Anderson	
35	US- 5,348,749	09/20/1994	Sikter	
36	US- 5,401,770	03/28/1995	Taguchi et al.	
37	US- 5,409,905	04/25/1995	Eby, III	
38	US- 5,430,164	07/04/1995	Abdel-Monem	
39	US- 5,504,055	04/02/1996	Hsu	
40	US- 5,505,968	04/09/1996	Schaefer et al.	
41	US- 5,516,925	05/14/1996	Pedersen et al.	
42	US- 5,569,458	10/29/1996	Greenberg	

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	43	US- 5,583,243	12/10/1996	Abdel-Monem	
	44	US- 5,698,724	12/16/1997	Anderson	
	45	US- 5,728,675	03/17/1998	Schaefer et al.	
	46	US- 5,885,610	03/23/1999	Anderson	
	47	US- 6,126,928	10/03/2000	Swaile	
	48	US- 6,166,071	12/26/2000	Ashmead et al.	
	49	US- 6,169,118	01/02/2001	Bilali	
	50	US- 6,210,690	04/03/2001	Nabeshima et al.	
	51	US- 6,218,192	04/17/2001	Altura et al.	
	52	US- 6,242,009	06/05/2001	Batarseh et al.	
	53	US- 6,248,368	06/19/2001	Valletta	
	54	US- 6,323,354	11/27/2001	Moore	

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